



PO BOX 66 137 47th STREET • NIAGARA FALLS NEW YORK 14302

August 28, 1985

Mr. Andrew E. Awai
State of New York - Department of Labor
Division of Safety and Health - Room 6989
Two World Trade Center
New York, New York 10047

Dear Mr. Awai:

Subject: License Renewal: Radioactive Materials
License No. 955-0139,
Installation No. LR-0139

Enclosed is an acknowledgment of receipt along with back-up data from Ohmart Corporation in Cincinnati, Ohio, attesting to their receipt and acceptance of the radiation source listed above. Based on the enclosed documentation, we hereby request that you delicense this source previously located at the Umetco Plant in Niagara Falls. If there is any further information that you require in order for the delicensing procedure to proceed, please feel free to call me at 716-278-3060.

Very truly yours,

George P. Parker
Manager, Employee Relations,
Safety & Environment

GPP:ew

Enc.

UCCNHT0003643



EMPLOYEE RELATIONS DEPARTMENT

AUG 26 1985

August 23, 1985

Umetco Minerals Corp
P.O. Box 66
Niagara Falls, NY 14302

ATTN. George Parker

REF Your PO# 615-308859
Ohmart SO# BUFD-5230-000

Gentlemen:

This is to acknowledge receipt of the following
One (1) HM-8 source holder containing one (1) 150 mCi of Cs-137 source, s/n
unknown, original SO 4857

on August 19, 1985.

This shipment was received on Ohmart Receiving Record # 2821.
We accept this material and will handle it in strict accordance with the
provisions of our license, with the regulations of the U. S. Nuclear Regulatory
Commission, the regulations of the U. S. Department of Transportation and any
other applicable laws or regulations.

If you have any additional questions, please let me know.

Sincerely,

THE OHMART CORPORATION

Richard L. Stanton RB

Richard L. Stanton
Customer Services Manager

RLS

cc BUF

UCCNHT0003644

The Ohmart Corporation
4241 Allendorf Drive • Cincinnati, Ohio 45209
Phone (513) 272-0131 • TLX RCA 212071



Wipe Test Kit

UNIVCO Mining Company
137 4th St
Niagara Falls, NY 14302

Kit No. 1 Date 8/1/85
Customer PO No. 615-308839
FILE

Caution This kit is to be used only for the source holder described below. The information below appears on the metallic label on the actual OHMART source holder. Supply similar information if holder not OHMART.

S.O. No. 4857	Isotope CS-137	Serial No. [blank]	mCi 150	Source Holder RTSN
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Date Shipped 9/64	User Identification [blank]	Other [blank]
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Date of Test 8/1/85
Tested By (Tester's Signature) [Signature]

This kit is to be used only by those whose license permit them to perform wipe tests. (Per CFR 10 Part 20)

OHMART ANALYSIS

The following are analysis results

Source is O.K. ☒ (Activity less than 0.005 μ Ci) ☐ Rewipe Required ☐ Defective

Chm 23

[Signature]
Tested By/Authorized Signature Date 8-8-85



TIME, MATERIAL
& EXPENSE REPORT

SERVICE P O. # 615 30 8859

SHOP ORDER # 4857

FIELD SERVICE # 5131-857

SERVICE LOCATION

UMETCO Minerals Co.

137 49th St.

Niagara Falls, N.Y.

14302

INVOICE ADDRESS

UMETCO Minerals Co.

P.O. Box 1029

Lead Junction, Colo.

81502

DATE	TRAVEL HOURS	SERVICE REG	HOURS OVT	PART NO	MATERIAL QTY	USED DESCRIPTION	S P
<u>7/31</u>	<u>1</u>				<u>1</u>	<u>wipe test kit</u>	
<u>8/1</u>		<u>B</u>					

ACKNOWLEDGEMENT OF SERVICE HOURS AND MATERIAL

CUSTOMER
SIGNATURE

E. P. [Signature] 8-1-85

DAY OF WEEK	SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL
DATE								
Car Allowance (mileage)								
Airline								
Rental car								
Local transportation (taxi, etc)								
Hotel expense								
Meals (including tips)								
Telephone								
Airport parking								
Misc								
TOTALS								

BILLING SUMMARY

CASH (dates) _____ \$ _____
AIRLINE (dates) _____ \$ _____
AUTO (dates) _____ \$ _____
TOTAL EXPENDITURES _____ \$ _____
MATERIALS _____ \$ _____
LABOR (SERVICE) \$ _____ /hr \$ _____
LABOR (TRAVEL) \$ _____ /hr \$ _____
LABOR (OVT) \$ _____ /hr \$ _____
TOTAL \$ _____

CHARGE TO

☐ CUSTOMER _____
☐ FIXED FEE \$ _____
☐ SCHOOL - \$ _____
☐ P S P VISIT _____
☐ SPECIAL _____

NO CHARGE

☐ WARRANTY
☐ SALES
☐ PROD
☐ ENG
☐ F S

SERVICEMAN _____

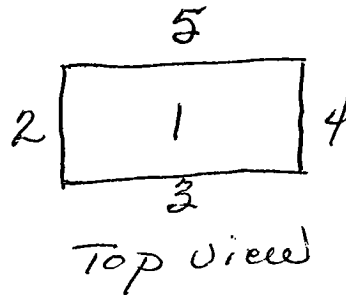
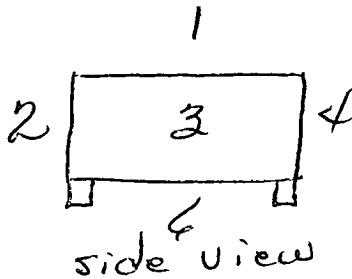
DATE _____

APPROVED BY _____

UCCNHT0003646



RADIATION SURVEY



PIPE/VESSEL FULL _____ EMPTY _____

1

GENERAL INFORMATION

GAGE USER UMTECO Minerals
OHMART SO # 4857
DATE 8/1 19 85
PERSON DOING SURVEY
J. Littlejohn
SOURCE HOLDER MODEL RTSN
SOURCE MATERIAL CS-137
SOURCE ACTIVITY 150 mCi
SOURCE SERIAL NO. _____
TAG NO. _____

SURVEY METER:
MANUFACTURER Victoreen
MODEL Minimax 11
SERIAL NO 26608

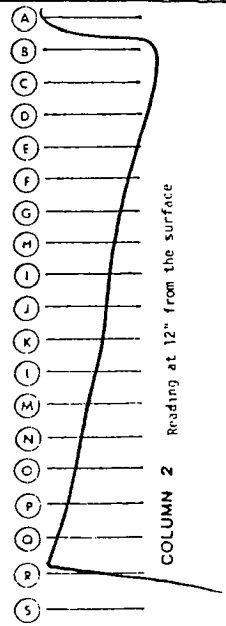
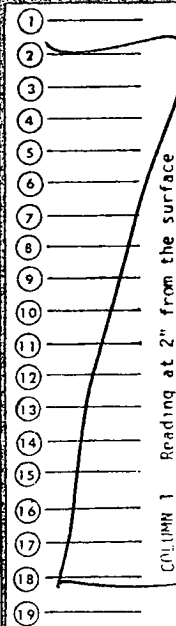
NOTES

NOTE ALL READINGS ARE IN MILLIROENTGEN/HR (MR/H)
NUMBERS ON THE DRAWING INDICATE WHERE THE METER SHOULD BE PLACED AT TWO (2) INCHES FROM THE GAGE SURFACE TO TAKE THAT READING
ALPHABETICAL DESIGNATIONS INDICATE WHERE THE METER SHOULD BE PLACED TO MONITOR READINGS AT TWELVE (12) INCHES FROM THE GAGE SURFACE
A READING GREATER THAN 5 MR/H AT TWELVE (12) INCHES FROM THE GAGE SURFACE REQUIRES A RADIATION AREA SIGN

2

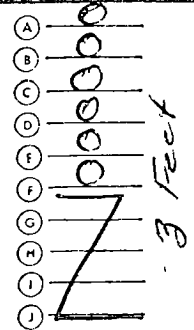
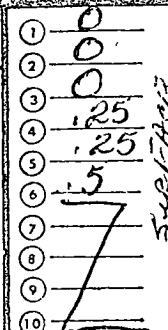
SOURCE SHUTTER

Open



3

Closed



SDFV 9379

UCCNHT0003647

(UNITED STATES OF AMERICA)
RADIOLOGICAL SURVEY INSTRUCTIONS

GENERAL

A Radiological survey is required for every gage when it is initially placed in service. The purpose of a radiological survey is to establish the levels of radiation field strength around the installation.

In the event of an incident affecting the gage, such as a fire, explosion, etc., another radiological survey must be done to assure that the source holder has not been damaged.

The person doing these surveys must be specifically licensed to do so by the U S Nuclear Regulatory Commission or by an Agreement State

INSTRUCTIONS

Step 1. Please provide the indicated General Information.

Step 2 With the source holder shutter open, take the surface meter readings on the gage diagram at 2" from the surface. Record these readings in column 1. Next, position the survey meter 12" from the gage surface and record the reading at the corresponding alphabetical designation

EXAMPLE	Reading at 2" from the Surface	Reading at 12" from the Surface
	Column 1	Column 2
	(1) 5 mR/hr	(A) 1 mR/hr
	(2) 8 mR/hr	(B) 3 mR/hr

Step 3 With the shutter closed, once again take the measurements listed. These are recorded exactly as they were in Step 2





Service Purchased By **UMETCO Minerals Co.** User (if different from Purchaser) **UMETCO Minerals Co.**
Box 1029 **137 47th St.**
Grand Junction, Co. **Niagara Falls, N.Y.**
81502 **14302**

Field Service Report No.

Report Date **8/1/85** Sheet **1** of **1**

Radiation Safety Instrument Rep **George Parker**

Visit Purpose **F** Service P.O. **615 30 8859**

Shop Order No. **4857**

Radiation Survey ☒ Yes ☐ No Declined

Radiation Safety Instruction ☒ Yes ☐ No Declined

Wipe Test ☒ Yes ☐ No Declined

Service Summary

Item (Gage Model No.)	Trouble Location	Trouble Disc	Action taken	Status A B C	Stdz Volts	Suppression Volts	Calib Dial	Speed	Range/Sp
1									
2									
3									

Comments

Disposal of one CS-137 source source holder RTSN 150 MCI no serial # visible. Inspected, wipe tested and surveyed. Boxed and tagged for shipment. MRE # 3321

Date From/To	Travel Start	Stop	Service Start	Stop	Part No.	Qty	Material Description
8/30 8/1	1700	1800	0900	1100		1	wipe test kit
Totals	Travel hrs	REG/OVT	Service hrs	REG/OVT			

Above Travel hrs does not include return trip hours



TECHNICAL TRAINING SCHOOLS - INCLUDING RADIATION SAFETY

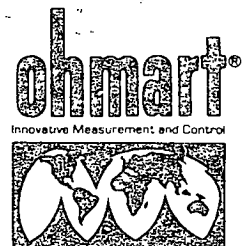
Ohmart offers a full range of Technical Training Schools. Attendees are given comprehensive, detailed "hands-on" training on all the company's product lines as well as on specialized subjects such as Radiation Safety. Schools are conducted monthly at the Ohmart Cincinnati plant.

However, Customer Technical Training Schools covering maintenance, trouble-shooting, Radiation Safety, etc., may be conducted in the field. For detailed information, or write our Training Director.

THE OHMART CORPORATION

Worldwide Sales and Service

4241 Allendorf Dr., Cincinnati, Ohio 45209 U.S.A.
Telephone (513) 272-0131 F.W.X. 810-461-2255



Customer Acknowledgement of Service Hours, Material, and F.S. Survey Card

Customer Signature **George Parker** Ohmart Field Service Engineer **Raymond C. Pittman**

SU-1 2-80

UCCNHT0003649

Visit Purpose Code

A Start up	D Routine Maintenance	G Emergency Radiological Assistance	J Courtesy
B Calibration	E Service Contract	H Disposal	K Other
C Trouble	F Routine Radiological Assistance	I Training	

Trouble Location Code

1 Source	5 P/S Indicator	9 Counter	13 Connector	17 Console	21 Computer	25 Other
2 Source Holder	6 Linearizer	10 Trichometer	14 External Wiring	18 End Frame	22 Video	
3 Detector	7 Multiplier	11 Detector Temp Control	15 Accessory	19 Weighbars	23 Recorder	
4 Amplifier	8 Totalizer	12 Interconnect Cable	16 Process	20 Analog	24 Cable Suspension	

Trouble Description Code

31 Short	38 Cold Solder	45 Water in Conduit	52 Loss of Shielding	57 Mechanical Failure
32 Open	39 Circuit Board	46 Bubble in Process	A High Radiation Area Present	58 Other
33 Intermittent	40 Low Output	47 Pipe Not Full	B High Radiation Area Not Present	
34 Loose Connection	41 High Output	48 Pipe/Vessel Spec Change	53 Radioactive Contamination	
35 Miswired	42 Transients	49 Operator Problem	54 Heads off Peak	
36 Broken	43 Wrong Calibration	50 Routine Service No Problems	55 Alignment	
37 Worn	44 High Noise Level	51 Source Shutter Inoperative	56 Component Failure	

Action Code

70 Repaired Returned to Service	77 Adjusted	83 Correlated Data
71 Repaired Moved to Storage	78 Changed Resistors	84 Aligned Weighbars & Frame
72 Repaired Packed for Shipment	79 Corrected Wiring	85 Peaked Heads
73 Unrepairable Moved to Storage	80 Corrected Process	86 Set up Analog Section
74 Unrepairable Packed for Shipment	81 Installed E.C.O.	87 Completed Log Book
75 Replaced	82 Completed Checklist Field Service Procedures for Disposal and Emergency Service	88 Other
76 Cleaned	(SDFF 1579) Note See this form for a detailed description of actions taken	